

# Comparisons of Job Characteristics

**Focus Occupation:** [Industrial Production Managers \(11-3051\)](#)

**Associated Occupation:** [General and Operations Managers \(11-1021\)](#)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

## Knowledge

Similarity of Focus Occupation to Associated Occupation: 53

**Focus Occupation:** Industrial Production Managers (11-3051)

**Associated Occupation:** General and Operations Managers (11-1021)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Administration and Management	8.4	17.3	13.6	<<	Extensive education and/or training may be required
Customer and Personal Service	11.3	16.4	9.1	<<	Extensive education and/or training may be required
Personnel and Human Resources	5.6	15.2	8.5	<<	Extensive education and/or training may be required
Economics and Accounting	4.4	13.0	3.8	<<	Extensive education and/or training may be required
Clerical	7.3	12.0	7.5	<<	Extensive education and/or training may be required
Sales and Marketing	5.2	10.5	4.3	<<	Extensive education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Skills

Similarity of Focus Occupation to Associated Occupation: 87

**Focus Occupation:** Industrial Production Managers (11-3051)

**Associated Occupation:** General and Operations Managers (11-1021)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Monitoring	9.9	12.5	16.0	>>	Skill level is likely more than sufficient
Coordination	9.1	12.3	14.8	>	Skill level is likely sufficient
Negotiation	6.8	10.8	11.2	0	Current skill level may be sufficient
Management of Personnel Resources	6.9	10.7	14.6	>>	Skill level is likely more than sufficient
Persuasion	7.4	10.5	11.2	0	Current skill level may be sufficient

Operations Analysis	5.0	10.1	7.9	<	A higher skill level may be required
Management of Material Resources	3.7	9.2	10.6	>	Skill level is likely sufficient
Management of Financial Resources	3.3	8.1	11.0	>>	Skill level is likely more than sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Abilities

Similarity of Focus Occupation to Associated Occupation: 93

Focus Occupation: Industrial Production Managers (11-3051)

Associated Occupation: General and Operations Managers (11-1021)

Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Problem Sensitivity	11.1	13.2	13.6	0	Current ability level may be sufficient
Written Comprehension	11.0	13.2	12.3	0	Current ability level may be sufficient
Written Expression	9.8	13.2	10.8	<	Some improvement in abilities may be required
Fluency of Ideas	7.6	9.8	11.6	>	Current ability level is likely sufficient
Originality	7.6	9.6	11.0	>	Current ability level is likely sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Activities that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 86

Focus Occupation: Industrial Production Managers (11-3051)

Associated Occupation: General and Operations Managers (11-1021)

Work Activities	Exclusivity of Activity
Analyze financial data	57
Analyze operational or management reports or records	62
Assign work to staff or employees	30
Conduct or attend staff meetings	47
Coordinate production materials, activities or processes	81
Develop budgets	56
Develop management control systems	82
Develop policies, procedures, methods, or standards	21
Develop staffing plan	77
Direct and coordinate activities of workers or staff	3
Hire, discharge, transfer, or promote workers	47
Oversee execution of organizational or program policies	49
Supervise production workers	89
Use inventory control procedures	70
Use negotiation techniques	67

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Tools and Technologies that Both Occupations Have in Common

Similarity of Focus  
Occupation to Associated  
Occupation: 76

**Focus Occupation: Industrial Production Managers (11-3051)**

**Associated Occupation: General and Operations Managers (11-1021)**

Tools and Technologies	Exclusivity
Business function specific software	1
Computer data input devices	2
Computers	1
Content authoring and editing software	1
Data management and query software	1
Finance accounting and enterprise resource planning ERP software	2
Industry specific software	1
Information exchange software	1
Network applications software	1
Personal communication devices	2
Surveillance and detection equipment	11

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.